

**TSV0786**

**1FR5 U0/U3 HR B A**

Belt construction informations	
Conveying side material	Polyurethane (PU)-86 ShA
Conveying side surface	Matt
Conveying side property	High release
Conveying side color	Dark Blue
Traction layer (material)	Polyester- rigid
Number of Fabrics	1
Pulley side material	Polyurethane (PU)
Pulley side surface	Impregnated PU fabric
Pulley side property	/
Pulley side color	Dark Blue

Special characteristics	
Antistatic	Yes
Joining method	SingleZ
Flammability	No specific property
Food suitability, FDA	Yes
Food suitability, USDA	No use intended
Food suitability, EU	Yes- acc. to 1935/2004 No.10/2011
Other features	Hydrolysis resistant/oil & fat resistance
Other features	Fray-free*/Silicone-Free

\*Fray-free belts are excellent choices when conveying unpackaged food, for example confectionery and baked goods such as muesli- and energy-bars, chocolate and candy. They also actively support users in implementing their HACCP concepts.

Technical data		
Thickness of belt	0,8 mm	0,03 inch
Mass of belt (beltweight)	0,8 kg/m <sup>2</sup>	0,016 Lb/ft
Tensile force for 1% elongation (k1% static) per unit of width	5 N/mm	29 lbf/in
Min. operating temperature admissible (continuous)	-30 °C	-22 °F
Max. operating temperature admissible (continuous)	100 °C	212 °F
Max. production width	3000 mm	118,11 inch
Pulley diameter (minimum)	4 mm	0,16 inch
Pulley diameter in counter flexion (minimum)	8 mm	0,31 inch

*DISCLAIMER: the information contained in this document describes the features of the MOTECH product as tested in a laboratory environment at a temperature of +23°C at 50% relative humidity (DIN 50005/ISO 554). It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the MOTECH product. MOTECH cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice*